

C/015/025 Incoming

#4514



30 August 2014

RECEIVED
MAY 20 2014
DIV. OF OIL, GAS & MINING

Mr. Daron Haddock
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Chapter 2 Changes for Midterm Review, Castle Valley Mining, LLC, C/015/025

Dear Mr. Haddock

As part of the midterm review of the Castle Valley Mining permit, Ms Priscilla Burton requested that changes to Tables 2-2, 2-5, and 2-8 be made to clarify the numbers. When the formal request letter was received by Castle Valley Mining, LLC no mention of these changes were in the letter.

The other day Mr. Gary Taylor of EIS was discussing another matter with a staff member of the Price Field Office when Ms. Burton asked if the tables information had been submitted. The redline/strikeout tables are attached.

If you have any questions, please call me at (435) 687-5454

Sincerely,

Tony Welch
Resident Agent

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change ☒ New Permit ☐ Renewal ☐ Exploration ☐ Bond Release ☐ Transfer ☐

Permittee: Castle Valley Mining, LLC

Mine:

Permit Number: ACT 015/0025

Title: Changes to Chapter 2 - Midterm Review

Description, Include reason for application and timing required to implement:

Changes to Tables 2-2, 2-5, and 2-8 in Chapter 2

Instructions: If you answer yes to any of the first eight questions, this application may require Public Notice publication.

- ☐ Yes ☒ No 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ ☐ increase ☐ decrease.
- ☐ Yes ☒ No 2. Is the application submitted as a result of a Division Order? DO# _____
- ☐ Yes ☒ No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- ☐ Yes ☒ No 4. Does the application include operations in hydrologic basins other than as currently approved?
- ☐ Yes ☒ No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- ☐ Yes ☒ No 6. Does the application require or include public notice publication?
- ☐ Yes ☒ No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- ☐ Yes ☒ No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- ☐ Yes ☒ No 9. Is the application submitted as a result of a Violation? NOV # _____
- ☐ Yes ☒ No 10. Is the application submitted as a result of other laws or regulations or policies?

Explain: _____

- ☐ Yes ☒ No 11. Does the application affect the surface landowner or change the post mining land use?
- ☐ Yes ☒ No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- ☐ Yes ☒ No 13. Does the application require or include collection and reporting of any baseline information?
- ☐ Yes ☒ No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- ☐ Yes ☒ No 15. Does the application require or include soil removal, storage or placement?
- ☐ Yes ☒ No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- ☐ Yes ☒ No 17. Does the application require or include construction, modification, or removal of surface facilities?
- ☐ Yes ☒ No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- ☐ Yes ☒ No 19. Does the application require or include certified designs, maps or calculation?
- ☐ Yes ☒ No 20. Does the application require or include subsidence control or monitoring?
- ☐ Yes ☒ No 21. Have reclamation costs for bonding been provided?
- ☐ Yes ☒ No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- ☐ Yes ☒ No 23. Does the application affect permits issued by other agencies or permits issued to other entities?
- ☐ Yes ☒ No 24. Does the application include confidential information and is it clearly marked and separated in the plan?

Please attach three (3) review copies of the application. If the mine is on or adjacent to Forest Service land please submit four (4) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Corey Heaps
Print Name:

VP+GM
Position

5-20-14
Date

Corey Heaps
Signature (Right-click above to choose to certify then have notary sign below)

Subscribed and sworn to before me this 20th day of MAY, 2014

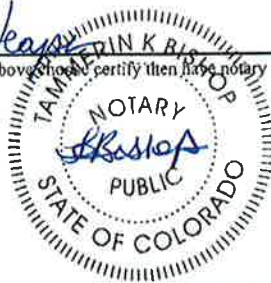
Notary Public: TAMMERIN K. BISHOP, state of Utah COLORADO

My commission Expires: 1/22/2015

Commission Number: N/A

Address: 2352 N. 7th STREET, UNIT B

City: GRAND JCT. State: CO Zip: 81501



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222.300 Soil description

A description of each soil-mapping unit is contained in the reports in [Appendix 2-E](#) and [2-F](#). [Table 2-2](#) lists the Acreage of each soil unit found in the disturbed area. Following is a summary of each map unit.

Table 2-2 Soil Unit Acreages Within the Disturbed Area

Soil Symbol	Total Disturbed Acreage	Acreage with Topsoil Recovered	Est. Topsoil Depth (inches)
Disturbed	23.70	2.56 ¹	In-place material ²
DZE	1.83 19.46	1.83 ³ 4.75 ^{1&2}	6
PDR	1.91 0.00	1.91 0.00	0-6
TR	1.66 3.77	1.66 3.77	0-3
PC	0.53 0.47	0.41	12
WIN	2.45 2.21	0.52	15
WR	0.72 0.75	0.50	10
DON	0.45 0.43	0.43	40
DG	3.96 3.64	2.22 3.23	6-30
GP	1.55 2.22	0.23	6-10
DCP	0.75 0.71	0.29 0.22	6-15

1 Main Topsoil Pile, 1,480 cu yds recovered from Scalehouse Pad area.

2 See [Appendix 2-D](#): Shower House Topsoil material, 1,200 cu. yds. Recovered.

3 ~~Shower House Topsoil material, 1,200 cu yds recovered.~~

The following table summarizes the volumes of topsoil being stored.

Table 2-5 Topsoil Summary Table

<u>Description</u>	<u>cu yd</u>
Main Topsoil Pile	1,480
Tank Seam Road Topsoil Storage Areas	1,000
Wild Horse Ridge Topsoil Pile	12,254
Wild Horse Ridge Tank Seam Topsoil Pile	<u>1,760</u>
Subtotal	16,494 15,494
On-site Material (Substitute Topsoil)	<u>36,452</u> 69,890
Total	52,586 85,384

The proposed substitute topsoil material will be re-tested in the final five years of operations according to [Table 5O-1](#) and will include Total Petroleum Hydrocarbons by EPA Methods 8015 and 418.1. The location of these samples will correlate with the areas generating the most substitute topsoil material as described in [Appendix 5-I](#). Following regrading, soils remaining on the surface as substitute topsoil material will be sampled for pH, EC, and Total Hydrocarbons by EPA method 8015 for diesel fuel and 418.8 for waste oil.

Table 2-8 Substitute Topsoil Summary

Topsoil Amounts Required				Substitute Topsoil Generated from Cuts (cu. yd.)			
Location	Area (acres)	Depth (in.)	Volume (cu. yd.)	Topsoil Stockpile	Sub. Topsoil Generated	Sub. Topsoil Not Regraded	Total Topsoil
TS-3	1.41	12	2,275	0	2,080 18,228	2,563	4,643 15,665
TS-4	.75	10	1,008	0	1,008 1,418	0 410	1,008 1,418
TS-5	9.41	12	15,181	0	20,814 75,286	4,537 44,677	25,351 30,609
TS-6	3.25	12	5,243	0	7,111 29,589	0 19,925	7,111 9,864
TS-7	1.81 0.52	12	2,920 839	0	4,170 22,329	0 18,159	4,170 867
TS-8	.83 0	12	1,339	0	3,552 14,036	0 10,484	3,552 0
TS-9	1.83	12	2,952	1,200	3,761	0	4,961
TS-10	2.41						
TS-11	.59						
TS-12	.22	15	444				
TS-13	1.16	14	1,183	2,354	1,225		3,579
TS-14	.66	14	1,246	925			925
TS-15	1.58	14	2,982	1,878			1,878
TS-16	.00			124			124
TS-17	1.74	8	1,871				
Total			36,452 35,224				50,796 69,890